

FROM Related cases

FORM PT01449  
(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

0409.086US0

SERIAL NO.

02/052-507

APPLICANT

Arbogast et al.

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April 13, 1998

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INFORMATION DISCLOSURE STATEMENT

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U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILE DAT
JDA	A1	2 4 2 5 6 9 3	8/47	Cook et al.	558	459	
	A2	2 4 8 9 9 5 0	11/49	Blicke	546	205	
	A3	2 6 2 5 5 4 7	1/53	Lawson et al.	544	171	
	A4	2 8 6 8 7 8 6	1/59	Siemer et al.	544	171	
	A5	3 6 8 9 4 7 0	9/72	Shachat et al.	558	312	
	A6	3 7 7 2 2 7 5	11/73	Hernestam et al.	544	165	
	A7	3 7 8 0 0 9 2	12/73	Samour et al.	560	222	
	A8	3 5 3 2 7 3 5	10/70	Morgan	558	455	
	A9	3 8 8 2 0 3 5	5/75	Loffelman et al.	510	313	
	A10	4 0 8 6 1 7 5	4/78	Kravetz et al.	510	314	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS (YES/
JDA	B1	P2 5 0 3 5 8 2 9	1/75	Germany	—	—	Abs
	B2	P2 5 5 5 7 6 9 1	12/75	Germany	—	—	Abs
	B3	P2 6 2 0 4 4 5 5	5/76	Germany	—	—	Abs
	B4	88 3 0 7 5 5 8 2	8/88	EPO	—	—	Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

JDA	C1	Hart et al., "Some New Quaternary-Substituted Alkyl Morpholinium Chlorides and Pyrrolidinium Alkyl Sulfates," <i>Journal of Organic Chemistry</i> , 22:1 (March 5, 1957), pp. 86-88.
	C2	Gubanova et al., "Synthesis and Antiviral Activity of Organic and Organophosphorus Derivatives of $\alpha$ -Aminonitriles," translated from <i>Khimiko-farmatsevticheskii Zhurnal</i> , 26, no. 7-8, pp. 60-62 (1992)
	C3	Stanley et al., "Synthesis and Enzymatic Evaluation of Some N-Alkyl Branched Chain Piperidine Salts and N-Alkyl-3-(N,N-diethylcarbamoyl)piperidine Salts as Inhibitors of Acetyl- and Butyrylcholinesterase," <i>J. Medicinal Chemistry</i> , 17, no. 1, (1974)

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Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JDA	A11 4 1 9 9 4 6 6	4/80	Benson, Jr.	510	314	
	A12 4 2 1 5 0 0 3	7/80	Finley et al.	8	111	
	A13 3 8 7 3 5 8 3	3/75	Walz et al.	554	103	
	A14 4 3 2 8 2 2 6	5/82	Witek et al.	514	239.5	
	A15 4 9 0 4 4 0 6	2/90	Darwent et al.	518	336	
	A16 4 9 7 8 7 7 0	12/90	Aoyagi et al.	558	455	
	A17 4 9 1 5 8 6 3	4/90	Aoyagi et al.	510	336	
	A18 5 0 9 3 0 2 2	3/92	Sotoya et al.	510	336	
	A19 5 2 3 6 6 1 6	8/93	Oakes et al.	510	376	
	A20 5 2 8 1 3 6 1	1/94	Adams et al.	252	186.38	
	A21 5 3 3 0 6 7 7	7/94	Sotoya et al.	252	186.38	
	A22 4 1 3 4 8 8 9	1/79	Distler et al.	546	230	
	A23 4 1 6 4 5 1 1	8/79	Distler et al.	558	346	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
JDA B5 91 2 0 1 1 7 0 7	5/91	EPO	—	—	Yes
B6 91 2 0 1 2 6 0 6	5/91	EPO	—	—	Yes
B7 62 2 2 5 8 7 1	9/87	Japan	—	—	Abst
B8 63 1 6 7 1 5 7	7/88	Japan	—	—	Abst

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

JDA C4	Lespagnol et al., "Guanidines monosubstituées à fonction ammonium quaternaire," <i>Mémoires Présentés à la Société Chimique</i> , paper presented at the Congress of the International Pharmaceutical Federation, Zurich, September 1959. (English translation)
C5	English translation of Lespagnol et al. reference, cited above as "C4."

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JDA	A24	4 9 2 1 6 3 1	5/90	Gradwell et al.	252	186.38	
	A25	5 1 0 6 5 2 8	4/92	Francis et al.	252	186.23	
	A26	5 4 0 5 4 1 2	4/95	Willey et al.	8	111	
	A27	4 7 5 1 0 1 5	6/88	Humphreys et al.	544	139	
	A28	5 4 6 0 7 4 7	10/95	Gosselink et al.	252	186.38	
	A29	4 7 3 7 4 9 8	4/12/88	Banasiak et al.	514	237.8	
	A30	2 8 5 1 4 5 8	9/9/58	Billinghurst	544	163	
	A31	4 3 9 7 7 5 7	8/9/83	Bright et al.	252	186.41	
	A32	5 5 9 1 3 7 8	1/7/97	Deline et al.	252	186.38	
	A33	4 3 4 2 8 7 2	8/3/82	Grier et al.	546	186	
	A34	4 5 5 1 5 2 6	11/5/85	Mai et al.	544	163	
	A35	2 8 4 8 4 5 0	8/19/58	Rudner et al.	544	163	
	A36	5 3 9 9 7 4 6	3/21/95	Steiger et al.	560	251	
	A37	2 7 7 4 7 5 8	12/18/56	Yanko	544	163	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
JDA	B9	1 2 3 0 7 7 3	9/89	Japan	—	—	Yes
	B10	6 1 3 6 3 9 1	10/92	Japan	—	—	Yes
	B11	A2 0 3 0 3 5 2 0	8/88	EPA	—	—	Yes
	B12	0 7 9 0 2 4 4	2/6/97	EPO	—	—	Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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